Office 365 Outbound Email Filtering

This topic outlines the steps to configure outbound mail routing from Office 365 through Cyren.

Prerequisites

By default, emails sent from Office 365 are DKIM signed, using the default domain:

[Customer].onmicrosoft.com

Cyren uses this information to validate the outbound email originated from the sender, and accepts the mail for outbound delivery.

The most reliable way a customer can check that this default DKIM signature is in place, is by inspecting a delivered outbound email, and ensuring that the d= field on the DKIM signature represents [Customer].onmicrosoft.com

```
DKIM-Signature: v=1; a=rsa-sha256; c=relaxed/relaxed; d=[Customer].onmicrosoft.com; s=selector1-company-tld;
h=From:Date:Subject:Message-ID:Content-Type:MIME-Version:X-MS-Exchange-SenderADCheck;
```

It is possible to configure DKIM in Office 365 to use a different domain, or '(default signing domain)', however this configuration is not currently supported.

Cyren Cloud Security Configuration

In **Settings > Account** take a note of your Customer ID (**657nnn**) in this instance.

In **Settings>Email Services>Security>Outgoing Email Hosts** add an email host in the following format:

127.**65**.**7n**.**nn**

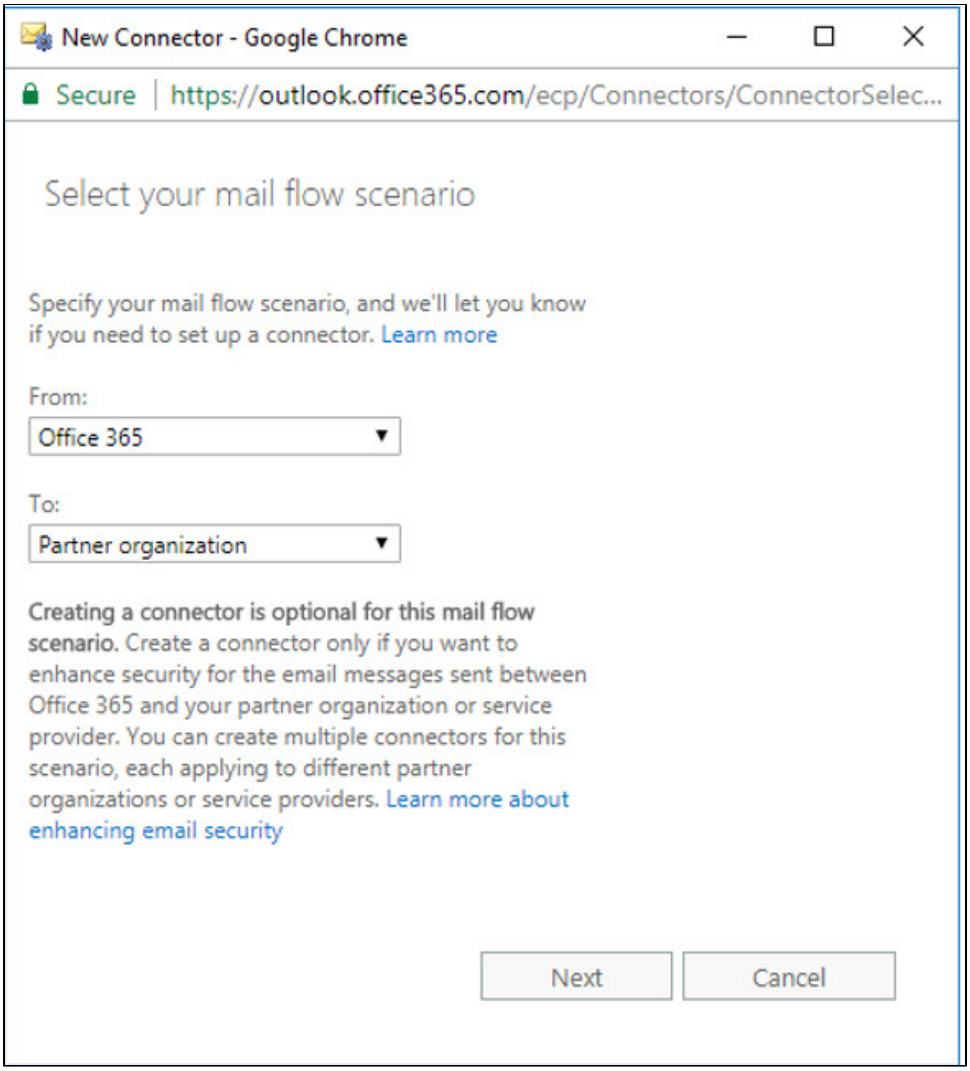
The second, third and fourth octet in the IP address added must represent your Customer ID.

Office 365 Configuration Steps

From the Office 365 Exchange Admin Center:

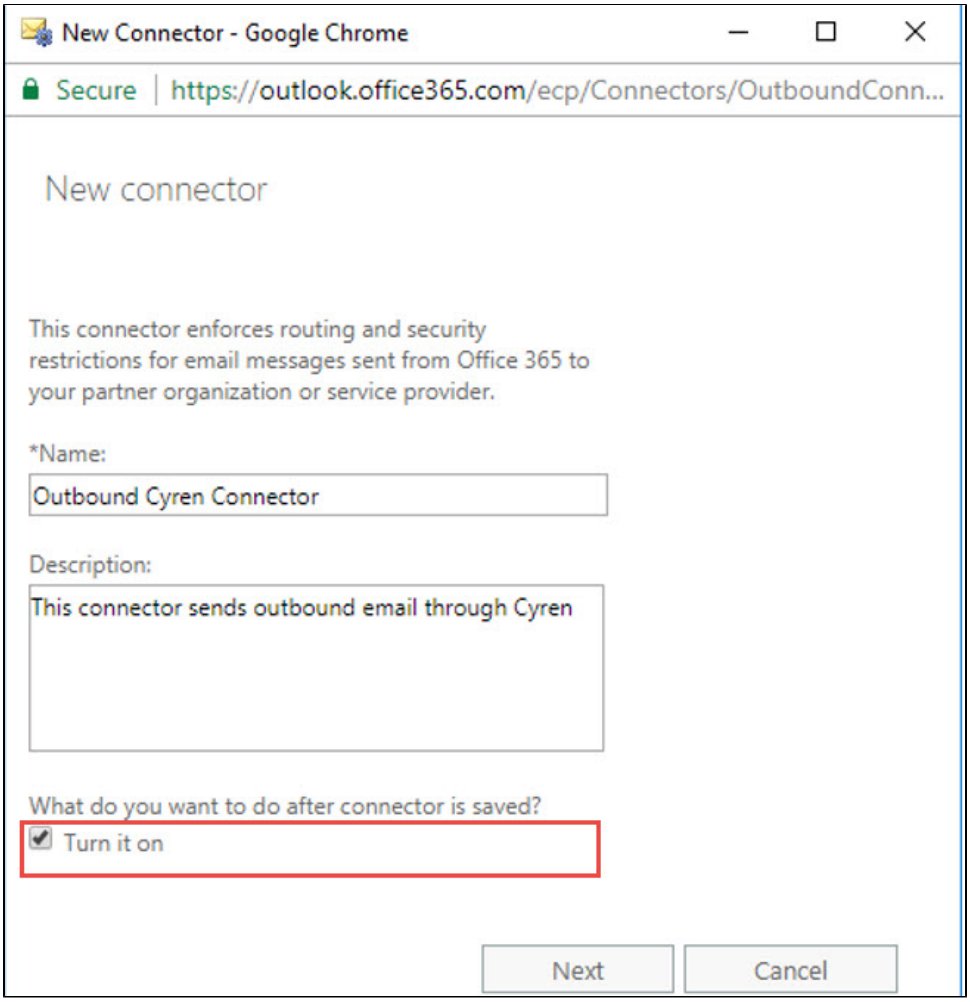
1. Select **Mail Flow>Connectors**, and add a new Connector.

2. Set **From**: to **Office 365**, and **To**: to **Partner Organization**, click **Next**.

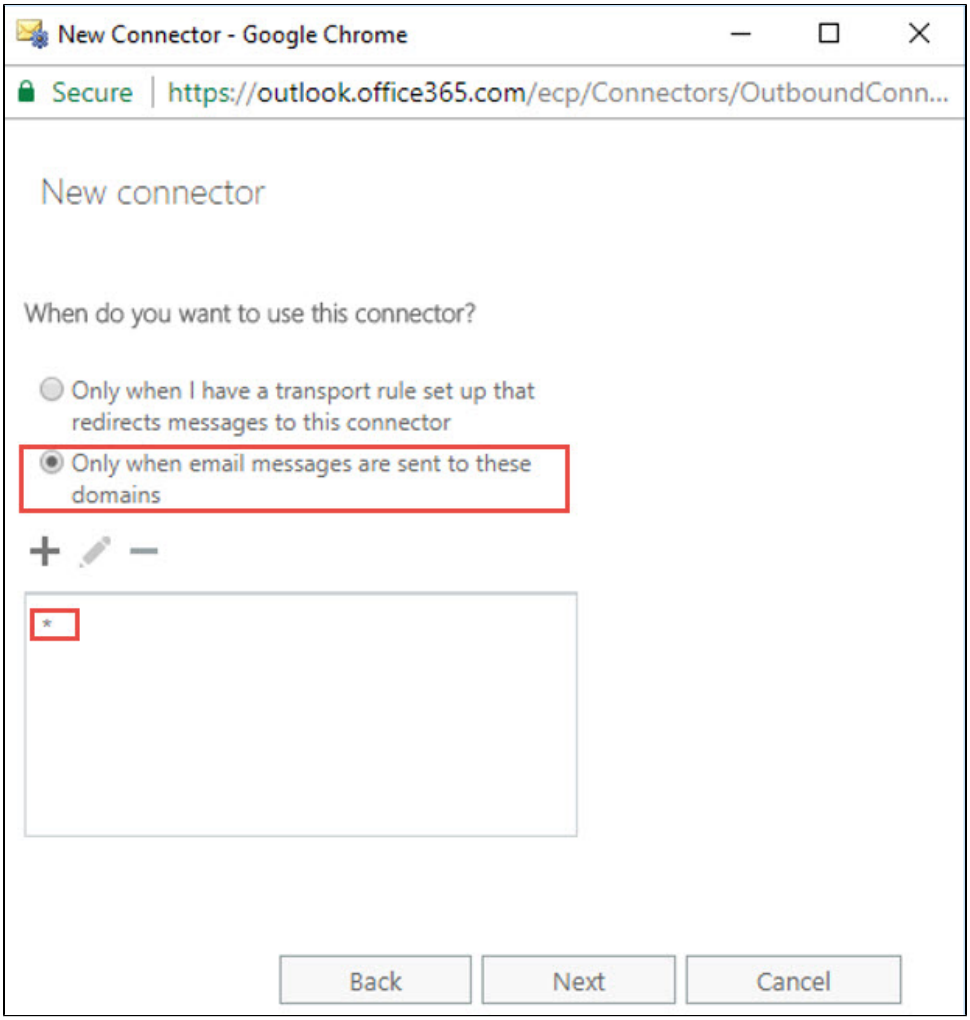


3. Type in a connector name in the ***Name** field, for example, **Outbound Cyren Connector**.

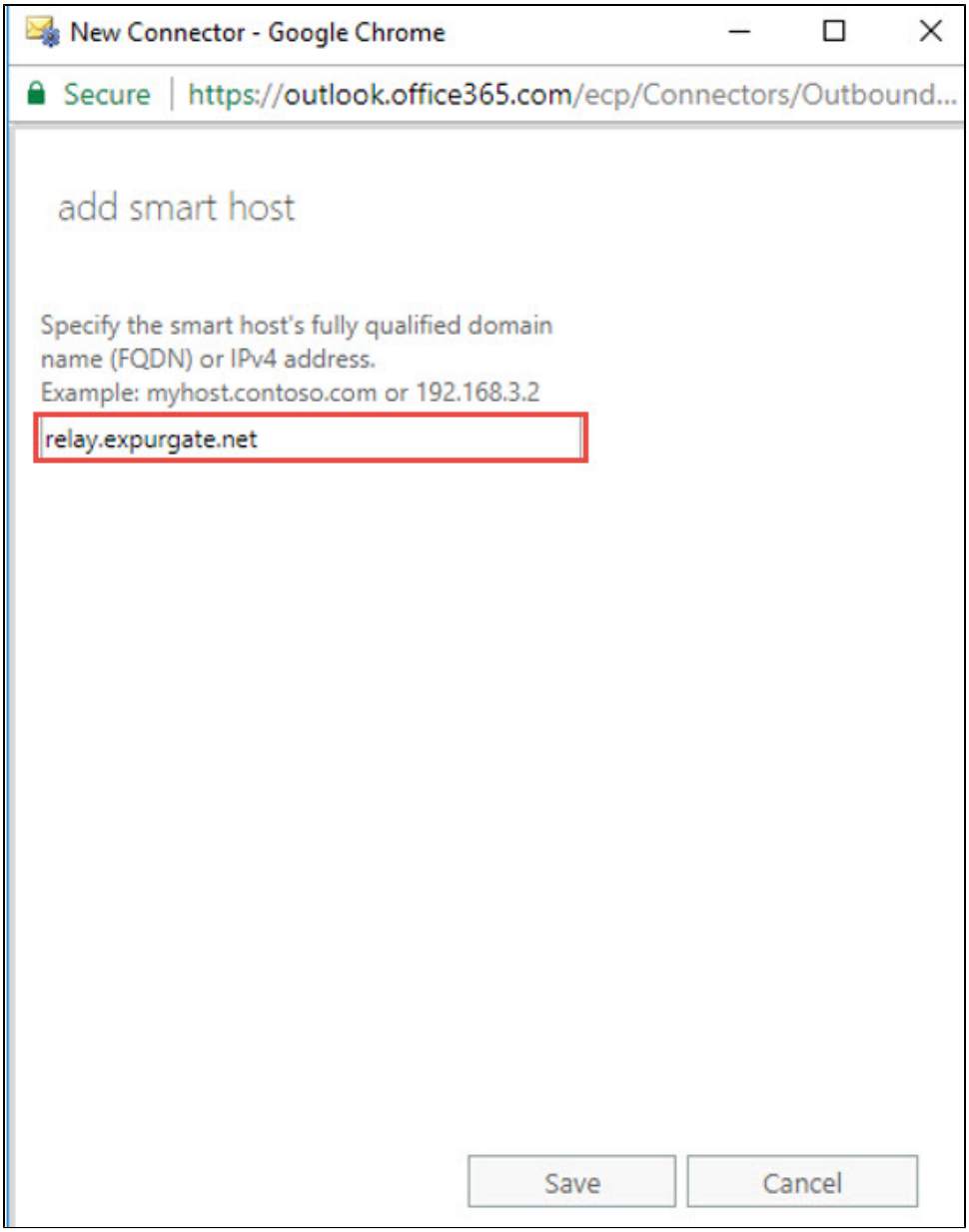
   It is mandatory to check the **Turn it on** checkbox.


New Connector - Google Chrome
Secure | https://outlook.office365.com/ecp/Connectors/OutboundConn...
New connector
This connector enforces routing and security restrictions for email messages sent from Office 365 to your partner organization or service provider.
*Name:
Outbound Cyren Connector
Description:
This connector sends outbound email through Cyren
What do you want to do after connector is saved?
Turn it on
Next
Cancel

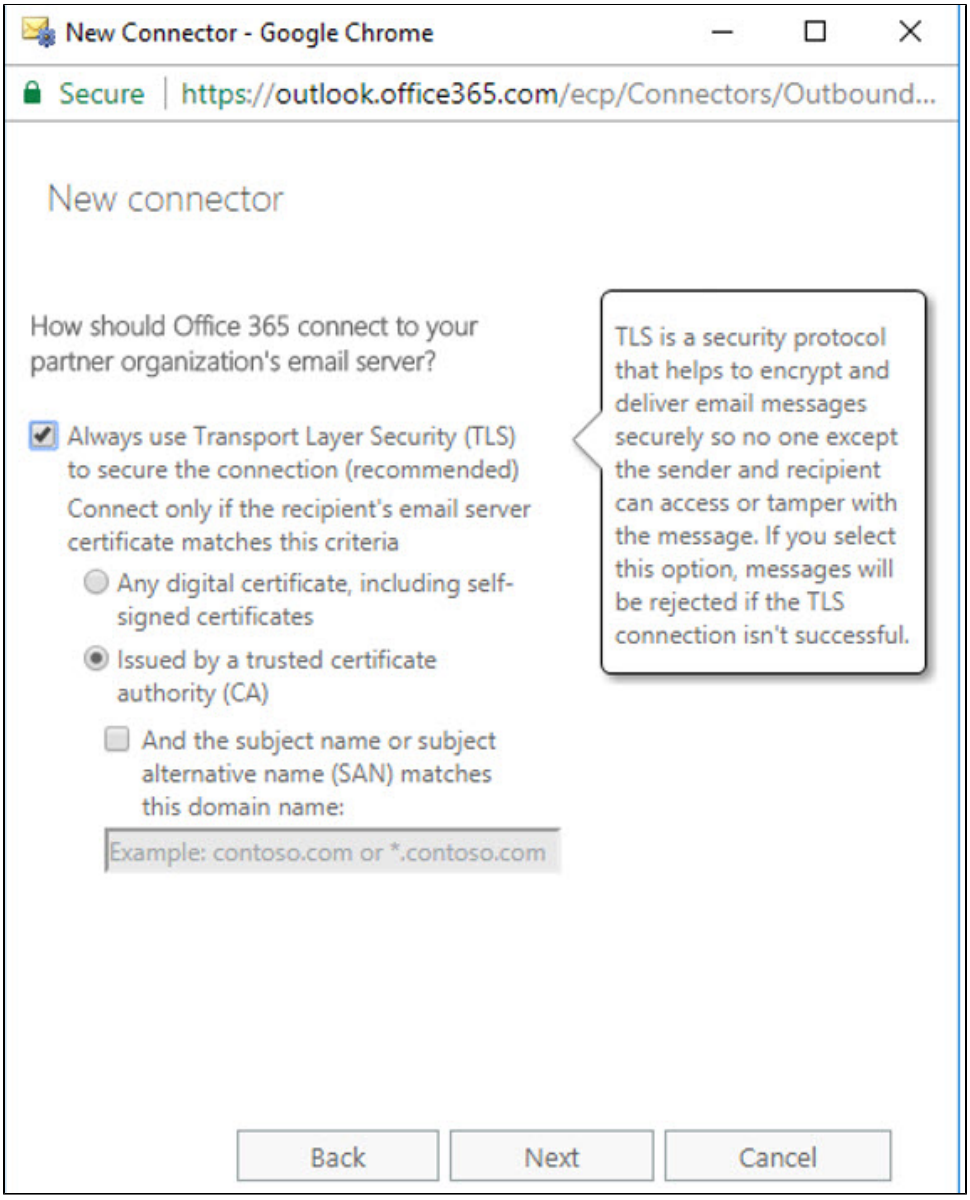
4. Select **Only when email messages are sent to these domains** and add an * to the domain list, and click **Next**.



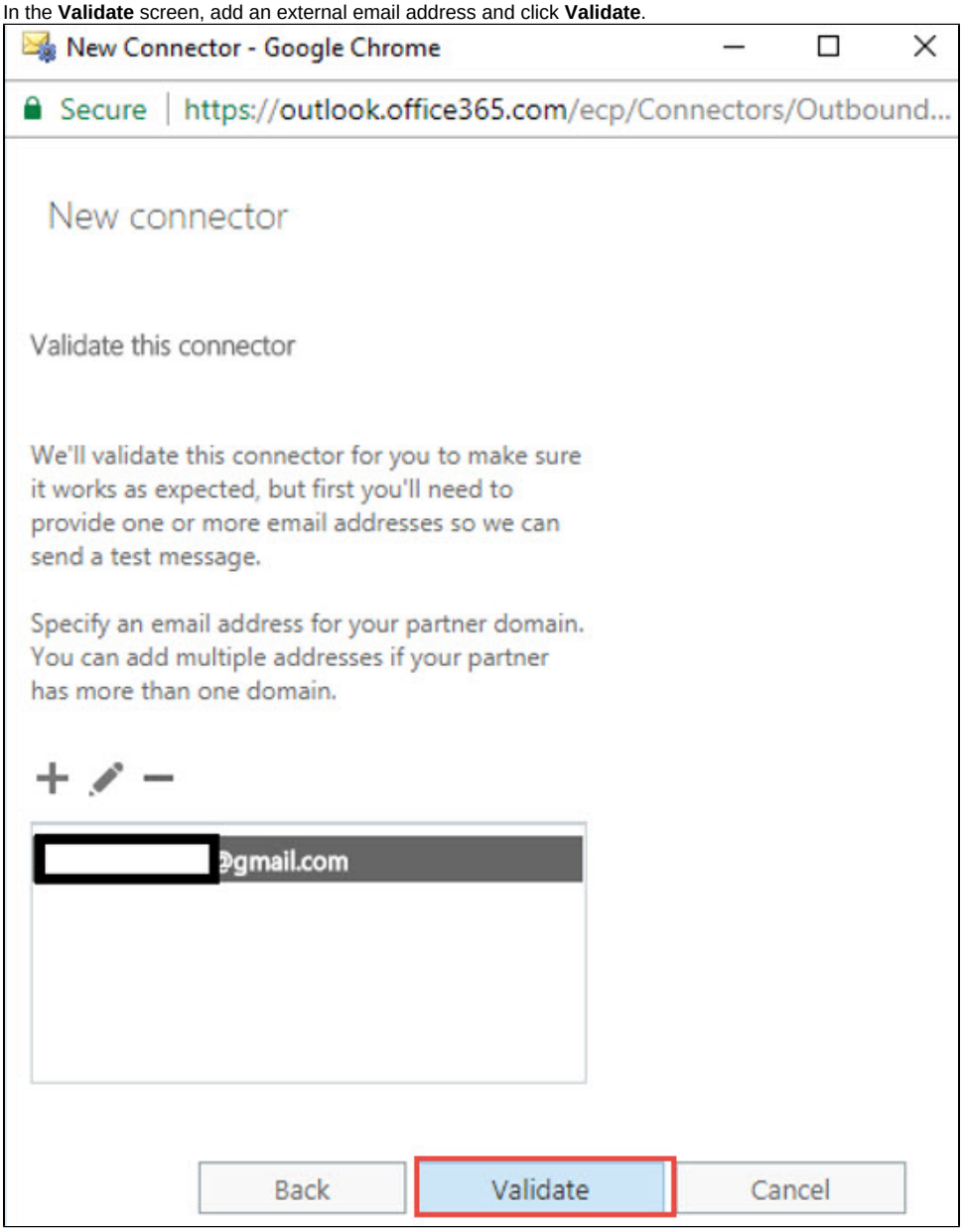
5. Select **Route through these email smart hosts,** and add **relay.expurgate.net** to the list, and click **Next**.



6. Select **'Always use TLS'**, and select '**Issued by a trusted certificate authority (CA)**', click **Next**, and once again **Next**.



7. In the **Validate** screen, add an external email address and click **Validate**.



Validation will fail if your domain (customer.onmicrosoft.com) has not been added to your Cyren account as a domain in **Settings > Email Services>Security>Email Gateway Settings**.